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COUNTY COUNCIL OF BERWICK.

INSTITUTE OF SOCIAL MEDICINE
10, PARKS ROAD, OXFORD

ANNUAL REPORT

ON THE

Health and Sanitary Conditions of the County

BY

THE COUNTY MEDICAL OFFICER,

FOR THE YEAR 1949.

DUNS:
Printed by Martin's Printing Works, Ltd.,
48 Market Square.

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To:

The County Council of the County of Berwick.

The Town Councils of Duns, Eyemouth, Coldstream and Lauder, and

The Department of Health for Scotland.

My Lords, Ladies and Gentlemen,

I have the honour to submit my annual report on the health and sanitary conditions of the County of Berwick for the Year 1949.

I am,

Your obedient Servant,

A. ALLAN,

County Medical Officer of Health.

Public Health Department,
County Offices,
Duns.

LIST OF STAFF.

Medical Officer of Health :—Alastair Allan, M.B., Ch.B., D.P.H.

Assistant Medical Officer of Health :—Sheila M. Salt. M.B.. Ch.B.. D.P.H.

Dental Surgeon :—Wm. Crofts Arkle, L.D.S., R.F.P.S. (Glas.)

Assistant Dental Surgeon :—Peter B. Taylor. L.D.S., R.F.P.S. (Glas.)

Orthopaedic Surgeon :—George A. Pollock. M.B., Ch.B.. F.R.C.S.. M.S., F.A.C.S., D.P.H.

Consulting Ophthalmic Surgeon :—R. J. S. Smith, M.B., Ch.B.

Consulting Ear, Nose and Throat Surgeon :—G. D. McDowall, M.B., Ch.B., F.R.C.S., Ed.

Health Visitors : -Helen Murdison.
Nancy Buglass.

Physiotherapists :—Ella Margaret Hunter. S.R.N.. O.N.C.. M.C.S.P.
Irene Johnstone, M.C.S.P.

Milk Officer :—Elizabeth O. Naismith. N.D.D.

Sanitary Inspectors :- Donald B. Marquis.
John S. Beedie

Clerical Staff :—Margaret Turner, Elizabeth Martin. Isobel White.

BIRTHS, MARRIAGES and DEATHS for Year 1949.

BURGHS AND LANDWARD AREA.

	Cold-stream Burgh.	Duns Burgh.	Eye-mouth Burgh.	Lauder Burgh.	Land-ward.
Population (estimated)	1236	2026	2358	610	20117
Total Live Births Registered (including Illegitimate) ...	14	141	14	3	113
Total Births Corrected (including Illegitimate)	32	53	30	15	283
Total Births Corrected Male ...	16	31	12	10	150
,, ,, ,, Female ...	16	22	18	5	133
,, ,, ,, Illegitimate	1	4	1	2	18
Still-Births Registered (including Illegitimate)	—	1	—	—	3
Still-Births Corrected for Mother's Residence	1	—	—	—	7
Marriages Registered	14	21	21	4	104
Deaths Registered	23	26	19	11	147
Deaths Corrected for Residence	27	26	20	14	213
Deaths Corrected Male ...	11	10	8	8	104
,, ,, Female ...	16	16	12	6	109

ENTIRE COUNTY.

	No. Registered in District.	Transfers. Out.	Transfers. In.	No. Corrected for Transfers. Both Sexes.	Males.	Females.		Rate per 1000 of Est. Pop. (Both Sexes)
Births (Including Illegitimate) ..	285	101	229	413	219	194		15.7
Births (Illegitimate)	8	1	19	26	10	16	(2)	6.3
Ills	4	1	5	8	6	2	(3)	19
...s	164	—	—	—	—	—		6.2
All Causes	226	27	101	300	141	159	*	11.4
Tuberculosis (All Forms) ..	—	—	—	2	1	1		0.08
,, (Respiratory System)	—	—	—	2	1	1		0.08
Principal Epidemic Dis. (1)	—	—	—	4	1	3		0.15
Children aged under One Year	—	—	—	12	7	5	(4)	29

...old fever, paratyphoid fevers, cerebro-spinal fever, scarlet fever, whooping cough, diphtheria, influenza and ...measles. (2) Per 100 live births. (3) Per 1000 total births (including still-births). (4) Per 1000 live births

* Rate adjusted for Age and Sex Distribution=9.7

CAUSES OF DEATH.

The following table is a general summary of deaths, corrected for transfers, showing ages at death :—

Causes of Death.	All Ages	Age Groups. -1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75
Typhoid fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal fever	1	1	—	—	—	—	—	—	—	—	—	—
Scarlet fever	—	—	—	—	—	—	—	—	—	—	—	—
Whooping cough	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of respiratory system	2	—	—	—	—	—	—	—	—	—	1	
Other tuberculous diseases ..	—	—	—		—		—	—	—	—	—	—
Syphilis	1	—	—	—	—	—	—	—	—	1		—
Influenza	3	—	—		—	—	—	—	—	1		
Measles	—		—				—	—	—		—	—
Other infectious or parasitic diseases*	—					—	—	—				—
Cancer, malignant tumours	47	—	—	—				1	3	12	18	1
Tumours, non-malignant or not defined	1						—			1		
Acute rheumatism												
Diabetes mellitus	7										3	
Other general diseases ..	1					1					2	
Meningitis. Diseases of spinal cord	2	1										
Cerebral hæmorrhage, etc. ..	39							2	2	6	18	1
Other diseases of nervous system	1				1							
Heart disease ..	118	—	—				—	—	5	16	37	4

*Including typhus fever, smallpox, dysentery, erysipelas, acute poliomyelitis, a lethargic encephalitis.

Causes of Death.	All Ages	Age Groups.											
		-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85+
er circulatory diseases ..	9	—	—	—	—	—	—	—	—	—	3	4	2
nchitis	7	—	—	—	—	—	—	—	—	4	1	—	2
umonia	4	1	—	—	—	—	1	—	—	1	1	—	—
er respiratory diseases ..	7	1	—	—	1	—	—	1	—	1	2	1	—
tric and duodenal ulcer ..	4	—	—	—	—	—	—	—	—	1	1	2	—
rrhœa, etc. (all ages) ..	1	—	—	—	—	—	—	—	—	—	1	—	—
endicitis	1	—	1	—	—	—	—	—	—	—	—	—	—
hosis of liver	—	—	—	—	—	—	—	—	—	—	—	—	—
er diseases of liver, etc. ..	3	—	—	—	—	—	—	—	—	1	1	1	—
er digestive diseases ..	5	—	—	—	—	—	—	—	—	2	1	2	—
te or chronic nephritis ..	6	—	—	—	—	—	—	—	3	1	—	2	—
er diseases of genito-rinary system	4	1	—	—	—	—	—	—	1	—	—	2	—
rperal sepsis	—	—	—	—	—	—	—	—	—	—	—	—	—
er puerperal causes ..	—	—	—	—	—	—	—	—	—	—	—	—	—
ases of skin and organs of movement	1	—	—	—	—	—	—	—	1	—	—	—	—
genital debility, prema-ure birth, malformations, te.	7	7	—	—	—	—	—	—	—	—	—	—	—
Age	4	—	—	—	—	—	—	—	—	—	1	—	3
ide	1	—	—	—	—	—	1	—	—	—	—	—	—
d transport accidents ..	3	—	1	—	—	—	1	1	—	—	—	—	—
er violence	4	—	—	—	—	—	1	1	—	—	1	1	—
ses ill-defined or unknown	3	—	—	—	—	—	—	—	1	1	1	—	—
causes	300	12	2	—	2	1	4	6	16	49	93	88	27

FOOD SUPPLY.

MILK.

A list of the licences issued to producers of "Designated" milks is given below :—

CERTIFIED LICENCES :—

New Licences :—John Finlayson, Wyndhead, Lauder.

Renewed :— James MacGregor, Coldstream Mains ;
W. D. Wilson, Magdalenehall ;
Messrs. Logan & Forrest, Mersington ;

TUBERCULIN TESTED LICENCES :—

New :— George Fergie, Westertown, Westruther ;
J. & Mrs. Kinghorn, Polwarth South Crofts ;
William H. Bryce, Rowanlea, Gordon ;
George Morris, Fawside, Gordon ;
Lieut.-Colonel Hay, Duns Castle, Duns ;
Mrs. D. R. Thomson, Nenthorn, Kelso.

Renewed :— Hugh Henderson, West End, Earlston ;
Joseph Coltherd, Glencairn, Hume ;
James Byers, Craiglea, Hume ;
Messrs. Rae, East Morriston ;
Tweedside Industrial Co-operative Society (Supplementary licence) ;
Col. J. H. Scott, Gledswood, Melrose ;
David S. Walker, Duns ;
P. M. Minchin, East Cruicksfield, Duns ;
Alex. Mitchell, Legars, Hume ;
Robert Laing, Oxmuir, Hume ;
Messrs. A. & R. Fleming, Renton Home Farm ;
R. & J. McDonald, Ecclestofts ;
D. S. Clark, Bellshiel ;
D. S. Clark, South Laws ;
J. Anderson, Hardens, Duns ;
Adam Shortreed & Sons, Redpath West End ;
J. D. Bell, West Mains, Gordon ;
Messrs. Laidlaw & Shiell, Ninewells Mains ;
Messrs. R. & G. Young, Fogorig ;
Messrs. L. & C. P. Thatcher, Macksmill ;
Messrs. Kinghorn, Kames West Mains ;
James Mitchell, Jardinefield ;
Charles T. Preston, Buskinbraes.

STANDARD LICENCES :

Renewed : J. M. Walker, Eyemouth Mill.
Thos. Sinclair, 44 Foulden Newton ;
D. M. Wilkie, Bonkyl Dairy, Preston ;
C. Shiells, 23 Foulden New Mains ;
Mrs. J. M. Craig, Acredale ;
Thomas Hendry, West Mains, Reston ;

PASTEURISED LICENCES :

Renewed : Galashiels United Co-operative Society, Ltd.
(Supplementary Licence in respect of Earlston Branch).
(Supplementary Licence to sell T.T. milk granted in 1948).

DAIRY HERDS (Year 1949).

Number of Certified or Tuberculin Tested Herds in County ...	27
Number of Standard Herds in County	7
Number of Non-designated Herds in County	33

In the 27 Certified or Tuberculin Tested Herds 2,410 animals were tested during the year, 1 reactor being found.

In the 7 Standard Herds 430 animals were clinically examined during the year, 1 animal being found with a Tuberculous Udder.

In the 494 non-designated Herds and exempted premises 2,142 animals were clinically examined during the year. 3 were found to come within the scope of the Tuberculosis Order and were slaughtered.

6 cases of Anthrax were confirmed during 1949.

No case of Swine Fever was confirmed during 1949.

FOOD INSPECTION.

Seizures and or condemnations.

	Lbs.	*Ozs.*
Tinned Meat	31	15½
Tinned Fish	23	5
Tinned Milk	79	14
Tinned Fruit	39	11
Tinned Vegetables	74	1
Tinned Soup	31	5½
Tinned Jam	85	8
Tinned Tomato Paste	—	4
Tinned Orange Juice	1	4
Tinned Tomato Juice	1	4
Tinned Apple Sauce	1	4
Peanut Butter	1	—
Tea	6	—
Sugar	219	—
Chocolate	15	4
Cheese	74	—
Prunes	30	—
	715	—

Also :—

2—7 fl. oz. bottles Salad Cream :

6—20 fl. oz. tins Grapefruit Juice :

9 tins Full Cream Unsweetned Condensed Milk :

6 tins Full Cream Sweetened Condensed Milk.

ICE CREAM.

The Ice Cream (Scotland) Regulations, 1948, came into operation during the year, and Amending Regulations were introduced also.

The effect of those Regulations was that anyone who wished to make, sell or store ice cream was required to apply to the County Council for registration, and registration was only granted if the premises complied with the necessary requirements. The Regulations applied to vehicles also.

No. of applications for registration—

(1)	Premises	3
(2)	Vehicles	—

No. of registrations—

(a)	Granted	(1)	Premises ...	14
		(2)	Vehicles ...	2
(b)	Pending	(1)	Premises ...	3
		(2)	Vehicles ...	1
(c)	Refused	(1)	Premises ...	—
		(2)	Vehicles ...	—

PARTICULARS OF COUNCIL OWNED HOUSES.

at 31st December, 1949.

BUILT UNDER THE 1924 ACT (not subject to Special Conditions).

Situation.	*No of Houses.*	*Size of Houses.*	*Rent.*
Chirnside	1	4 apartments	£22 0 0
Clockmill	2	4 apartments	22 0 0
Lauder	2	4 apartments	22 0 0
	5		

BUILT UNDER THE 1924 ACT (Subject to Special Conditions).

Ayton	2	4 apartments	£22 0 0
Chirnside	2	4 apartments	22 0 0
Chirnside	20	3 apartments	16 10 0
Cockburnspath	8	3 apartments	18 0 0
Coldingham	8	3 apartments	16 10 0
Earlston	4	3 apartments	16 10 0
Gordon	4	3 apartments	16 10 0
Grantshouse	6	3 apartments	16 0 0
Greenlaw	4	3 apartments	18 0 0
Oxton	4	3 apartments	16 10 0
Reston	8	3 apartments	16 10 0
St. Abbs	4	3 apartments	16 10 0
St. Abbs	2	3 apartments	18 0 0
St. Abbs	2	4 apartments	22 0 0
Upper Burnmouth ...	2	4 apartments	22 0 0
	80		

BUILT UNDER THE 1930 ACT.

Ayton	4	3 apartments	£18 0 0
Ayton	4	4 apartments	22 0 0
Ayton	1	5 apartments	26 0 0
Chirnside	12	3 apartments	16 10 0
Cowdrait (Burnmouth) ...	20	3 apartments	18 0 0
Cowdrait (,,) ...	2	4 apartments	22 0 0
Earlston	6	3 apartments	18 0 0
Gordon	1	3 apartments	18 0 0
Greenlaw	4	3 apartments	18 0 0
Greenlaw	1	3 apartments	18 0 0
Greenlaw	2	4 apartments	22 0 0
Ross (Burnmouth) ...	3	3 apartments	18 0 0
Ross (,,) ...	2	4 apartments	22 0 0
Upper Burnmouth ...	12	3 apartments	16 10 0
Upper Burnmouth ...	1	3 apartments	18 0 0
	75		

BUILT UNDER THE 1935 ACT.

Situation.	*No. of Houses.*	*Size of Houses.*	*Rent.*
Ayton	2	4 apartments	£22 0 0
Ayton	1	5 apartments	26 0 0
Earlston	2	3 apartments	18 0 0
Gordon	2	4 apartments	22 0 0
Gordon	1	5 apartments	26 0 0
Greenlaw	1	3 apartments	18 0 0
Upper Burnmouth ...	1	3 apartments	18 0 0
Upper Burnmouth ...	2	4 apartments	22 0 0
	12		

BUILT UNDER THE 1930-38 ACT.

Ayton	6	3 apartments	£18 0 0
Chirnside	12	4 apartments	22 0 0
Chirnside	3	5 apartments	26 0 0
Cockburnspath	2	3 apartments	18 0 0
Earlston	4	3 apartments	18 0 0
Earlston	6	4 apartments	22 0 0
Earlston	2	5 apartments	26 0 0
Longformacus	4	3 apartments	18 0 0
Cockburnspath	2	4 apartments	22 0 0
	41		

BUILT UNDER THE 1946 ACT.

Reston	2	4 apartments	£26 0 0
Reston	4	3 apartments	22 0 0
Greenlaw	18	4 apartments	31 0 0
Earlston	4	5 apartments	35 0 0
Earlston	16	4 apartments	31 0 0
Cockburnspath	8	4 apartments	31 0 0
Westruther (Crudens) ...	6	4 apartments	31 0 0
Reston (Crudens)	12	4 apartments	31 0 0
Coldingham (Crudens) ...	12	4 apartments	31 0 0
Gordon (Crudens) ...	12	4 apartments	31 0 0
Duns (Crudens)	8	4 apartments	40 0 0
Duns (Orlits) F.D.† ...	6	4 apartments	40 0 0
Chirnside (Orlits) F.D.† ...	4	4 apartments	31 0 0
	112		
Total	325		

†F.D.—Flood Damage.

Planning & Property & Works Department,
12 Newtown Street,
DUNS.

24th October, 1950.

MATERNITY AND CHILD WELFARE.

REPORT UNDER MIDWIVES (SCOTLAND) ACT, 1915.

Item.	Total (i.e. *all* cases occurring in the area).
1. Births	285
2. Deaths of new-born children (within 14 days of birth)	8
3. Still-births (Dead born)	4
4. Cases of Ophthalmia Neonatorum ...	–
5. Puerperal Sepsis—	
Cases	–
Deaths	–
6. Puerperal Pyrexia—	
Cases	–

NOTIFICATION OF BIRTHS.

The number of births registered (excluding still births) was 285. Of these 8 were illegitimate. 4 still-births were registered during the year.

INFANTILE MORTALITY.

The number of deaths in children under 1 year of age was 12. The causes of death were as follows:—

Congenital Malformation	1
Pneumonia	1
Prematurity and Congenital Debility	5
Tumour	1
Meningitis	2
Pyelitis	1
Neonatae Asphyxia	1

OPHTHALMIA NEONATORUM.

There were no cases.

MATERNAL MORTALITY.

There were no maternal deaths during the year.

PUERPERAL FEVER AND PUERPERAL PYREXIA.

No cases of puerperal fever were notified.

ROYAL HOSPITAL FOR SICK CHILDREN.

During the year 4 children were examined at the Sick Children's Hospital, Edinburgh, for the following conditions :—

Hydrocele	1
Circumcision	1
Cyst	1
Hypospadias	1

CHILD WELFARE CLINICS.

Name of Clinic.	No. of Children who First Attended and who on Date of First Attendance were		Total No. of Attendances made by Children who at end of Year were	
	Under 1 Year of Age.	Over 1 Year of Age.	Under 1 Year of Age.	Over 1 Year of Age.
Eyemouth ...	39	9	132	266
Coldstream ...	30	13	70	272
Lauder ...	26	5	35	116
Earlston ...	39	16	86	177
Chirnside ...	18	11	66	143
Hutton ...	9	4	28	89
Paxton ...	3	2	1	60
St Abbs ...	1	0	1	32
Coldingham ...	6	2	11	28
Ayton ...	8	6	16	126
Reston ...	15	5	54	119
Duns	35	7	85	189
Swinton ...	10	15	17	85
Totals ...	239	95	602	1,702

SCHOOL CHILDREN.

MEDICAL INSPECTION, SUPERVISION AND TREATMENT.

SCHOOL MEDICAL SERVICE.

THE FINDINGS OF MEDICAL INSPECTION.

GENERAL REVIEW.

Table I.

The total number of children examined during the year was 1,374. Of these 1,025 were seen at systematic inspections and 349 were special or re-inspections.

The number of children seen at systematic inspections who were notified to parents as requiring treatment was 288. Children requiring treatment in the four age groups are as follows:

Entrants	122
Children, second age group	96
Children, third age group	56
Children. fourth age group	14
Other systematic examinations	
	288

Table II.

Clothing and Footwear. It was found that 5 (0.48%) children had unsatisfactory clothing and 3 (0.29%) had unsatisfactory footwear.

Cleanliness. There is a further reduction in the number of children with nits, the number being 5 (0.48%) as compared with 9 (.95%) last year. Uncleanliness of the head and body was found in 6 (0.58%). No children were found with vermin.

Skin Diseases. The figure for 1949, 31 (2.9%) is a marked increase on last year's figure. Since skin conditions of head and body were tabulated separately, there is bound to be an overlap, which explains this high figure.

1949	31 (2.9%)
1948	19 (2.01%)
1947	35 (1.24%)

Nutritional State. The cases of severe malnutrition were detected, but there is an increase in the number suffering from slight malnutrition which is 35 (3.4%) as compared with (.95%) in 1948.

Diseases of Naso-Pharynx. Of the number 169 (16.5%) referred to the Ear, Nose and Throat Specialist, 106 (10.3%) required operative treatment. This is an increase of the 1948 figure which was 47 (4.9%). There is a large number still requiring observation to glandular enlargement.

Disease of Ear. 6 cases of otorrhoea were noted (.58%); 5 cases of Deafness of Grade I. were noted (.48%).

Defective Speech. 4 (.29%) children suffered from a stammer. There were, however, 12 (1.7%) cases of defective articulation.

Mental and Nervous Conditions. The mentally defective children are dealt with in Table IV. Backward children numbered 6 (.48%) and dull children 7 (.68%).

Diseases of Circulatory System. 3 (.29%) children were found to have acquired cardiac conditions. 5 (.48%) had congential cardiac disease. There is little change in these figures as compared with 1948.

Respiratory Diseases. No case of suspected tuberculosis is recorded. A few cases of chronic bronchitis were found.

Deformities. 38 (3.7%) cases of congenital deformity were found. No case of paralytic deformity was seen. Deformity as a result of Rickets or other constitutional cause was found in 148 cases (14.4%). There is little change in this figure.

Infectious Diseases. No children were found to be suffering from an infectious disease.

Other Diseases. 32 (3.1%) children fell into this category.

Table III.

37.17% of all children examined in systematic examinations during the year were free from defects. This is a marked disimprovement on last year's figure which was 61.58%.

There were, therefore, 62.83% defective children; of these 11.61% were in Group II.; 19.2% in Group III., and 31.97% in Group IV.

Table IV.

SCHOOL YEAR ENDED 31st JULY, 1949.

BOYS :—

	No. Exam.	Ages.	Height ins.	Weight lbs.
Entrants	230	5 9 12	44.5	46.5
2nd Age Group ...	154	9 7 12	52.4	67.1
3rd Age Group ...	144	13 6 12	60.04	95.1
4th Age Group ...	11	16	65.7	120.2

GIRLS :—

	No. Exam.	Ages.	Height ins.	Weight lbs.
Entrants	201	5 8 12	49.2	49.8
2nd Age Group ...	147	9 6 12	52.01	64.2
3rd Age Group ...	123	13 1 12	61.8	102.8
4th Age Group ...	15	16 1/12	63.3	114.06

TABLE I.

Total number of children examined at :—

	(*A*) *Systematic Examinations.*	*Other Systematic Examinations.*
Ordinary Schools :—		
Entrants	430	1
Second Age Group	257	44
Third Age Group	227	40
Fourth Age Group	14	12
Total	928	97
Other Examinations :—		
Special cases		332
Re-inspections by Medical Officer		17
Total		349

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanliness and dental caries) :—

Entrants	122
Second Age Group	96
Third Age Group	56
Fourth Age Group	14
Other systematic examinations	—
Total	288

Table II.

Return of number and percentage of individual children in each age group suffering from particular defects :—

Nature of Defect.		Entrants. Boys	%	Girls	%	Second Age Group. Boys	%	Girls	%	Third Age Group. Boys	%	Girls	%	Fourth Age Group. Boys	%	Girls	%	All Ages. Boys	%	Girls	%
Total examined at all ages.	1,025	230	—	201	—	154	—	147	—	144	—	123	—	11	—	15	—	539	—	186	—
Clothing unsatisfactory ..		2	(0.9)	2	(1.0)	1	(0.6)	—	—	—	—	—	—	—	—	—	—	3	(0.55)	2	(0.1)
Footgear unsatisfactory ..		1	(0.4)	1	(0.5)	1	(0.6)	—	—	—	—	—	—	—	—	—	—	2	(0.3)	1	(0.2)
Cleanliness of Head																					
Dirty		3	(1.3)	—	—	1	(0.6)		—	—	—	1	(0.8)		—	1	(6.7)	4	(0.7)	2	(0.4)
Nits		1	(0.4)		—	1	(0.6)	2	(1.3)	—	—	1	(0.8)	—	—	—	—	2	(0.3)	3	(0.6)
Vermin		—	—		—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—
Cleanliness of Body																					
Dirty		1	(0.4)	—	—	1	(0.6)	—	—	2	(1.4)	1	(0.8)	—	—	—	—	4	(0.7)	1	(0.2)
Verminous			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Head—																					
Ringworm			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Impetigo		1	(0.4)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	(0.18)	—	—
Other Diseases		1	(0.4)	3	(1.5)	2	(1.2)	3	(2.0)	1	(0.7)	—	—	—	—	—	—	4	(0.7)	6	(1.2)
Body—																					
Ringworm		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Impetigo		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scabies		—	—	2	(1.0)	1	(0.6)	—	—	—	—	—	—	—	—	1	(6.7)	1	(0.18)	3	(0.6)
Other Diseases		—	—	4	(2.0)	—	—	4	(2.7)	7	(4.8)	—	—	—	—	1	(6.7)	7	(1.3)	9	(1.8)
Nutritional State																					
Slightly Defective		8	(3.5)	5	(2.5)	8	(5.2)	4	(2.7)	8	(5.6)	2	(1.6)	—	—	—	—	24	(4.5)	11	(2.3)
Bad — — — —		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Nature of Defect.	Entrants. Boys	%	Girls	%	Second Age Group. Boys	%	Girls	%	Third Age Group. Boys	%	Girls	%	Fourth Age Group. Boys	%	Girls	%	All Ages. Boys	%	Girls	%
Mouth & Teeth— Unhealthy	40	(17.4)	36	(17.9)	8	(5.2)	29	(19.7)	23	(15.9)	12	(9.7)	—	—	4	(26.6)	71	(13.1)	81	(16.7)
NASO PHARYNX.																				
Nose—																				
Obstruction requiring observation	9	(3.9)	12	(6.0)	4	(2.6)	2	(1.3)	2	(1.4)	1	(0.8)	—	—	—	—	15	(2.8)	15	(3.1)
Obstruction (probable) adenoids) requiring operative treatment	5	(2.2)	8	(4.0)	1	(0.6)	—	—	—	—	—	—	—	—	—	—	6	(1.1)	8	(1.6)
Other conditions	1	0.4)	5	(2.5)	2	(1.2)	1	(0.7)	—	—	—	—	1	(9.1)	1	(6.7)	4	(0.7)	7	(1.4)
Throat— Tonsils requiring observation	67	(29.1)	72	(35.8)	16	(10.4)	32	(21.8)	19	(13.2)	23	(18.7)	—	—	2	(13.3)	102	(18.9)	129	(28.1)
Tonsils requiring operative treatment	55	(23.9)	60	(29.8)	8	(5.2)	22	(15.0)	10	(6.9)	14	(11.4)	—	—	—	—	73	(13.5)	96	(19.7)
Glands requiring observation	30	(13.0)	14	(7.0)	24	(15.6)	16	(10.9)	10	(6.9)	—	—	2	(18.2)	—	—	66	(12.2)	30	(6.0)
Requiring operative treatment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
External Eye Diseases— Blepharitis	—	—	2	(1.0)	—	—	—	—	—	—	1	(0.8)	—	—	—	—	—	—	3	(0.6)
Conjunctivitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Corneal Opacities	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strabismus	3	(1.3)	1	(0.4)	—	—	—	—	—	—	1	(0.8)	—	—	—	—	3	(0.6)	2	(0.4)
Other Diseases	1	(0.4)	1	(0.4)	—	—	1	(0.7)	—	—	—	—	—	—	—	—	1	(0.18)	2	(0.4)
Visual Acuity— Fair	—	—	—	—	21	(13.6)	12	(8.2)	12	(8.3)	11	(8.9)	—	—	1	(0.7)	33	(10.7)	21	(8.4)
Bad	—	—	—	—	1	(2.6)	5	(3.4)	3	(2.1)	6	(4.8)	2	(18.2)	2	(13.3)	9	(2.9)	13	(2.6)
Recommended for Refraction	2	(0.9)	2	(1.0)	3	(1.9)	3	(2.0)	3	(2.1)	7	(5.6)	2	(18.2)	2	(13.3)	10	(1.9)	14	(2.9)

Nature of Defect.	Entrants. Boys	%	Girls	%	Second Age Group. Boys	%	Girls	%	Third Age Group. Boys	%	Girls	%	Fourth Age Group. Boys	%	Girls	%	All Ages. Boys	%	Girls	%
Ears—																				
Otorrhoea	6	(2.6)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	(1.1)		—
Other Diseases	1	(0.4)	—	—	1	(0.6)	—	—	—	—	—	—	—	—	—	—	2	(0.3)	—	—
Hearing—																				
Grade I.	2	(0.9)	3	(1.5)	—	—	—	—	—	—	—	—	—	—	—	—	2	(0.3)	3	(0.6)
Grade IIa.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grade IIb.	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—
Grade III.	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—
Speech—																				
Defective Articulation ..	2	(0.9)	7	(3.5)	1	(0.6)	1	(0.7)	—	—	1	(0.8)	—	—	—	—	3	(0.55)	9	(1.8)
Stammering	2	(0.9)	—	—	—	—	—	—	1	(0.7)	1	(0.8)	—	—	—	—	3	(0.55)	1	(0.2)
Mental and Nervous Condition—																				
Backward	2	(0.9)	1	(0.5)	1	(0.6)	—	—	1	(0.7)	1	(0.8)	—	—	—	—	4	(0.7)	2	(0.4)
Dull	—	—	—	—	1	(0.6)	3	(2.0)	3	(2.1)	—	—	—	—	—	—	4	(0.7)	3	(0.6)
Mentally Defective (educable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mentally Defective (ineducable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Highly nervous or unstable ..	—	—	—	—	—	—	—	—	1	(0.7)	—	—	—	—	—	—	1	(0.18	—	—
Difficult in behaviour ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Organic Heart Disease—																				
Congenital	1	(0.4)	—	—	—	—	—	—	1	(0.7)	3	(2.4)	—	—	—	—	2	(0.3)	3	(0.6)
Acquired	—	—	—	—	—	—	1	(0.7)	1	(0.7)	1	(0.8)	—	—	—	—	1	(0.18)	2	(0.4)
Functional Conditions ..	—	—	—	—	2	(1.2)	1	(0 7)	3	(2.1)	—	—	1	(9.1)	—	—	6	(1.1)	1	(0.2)

Nature of Defect.	Entrants. Boys	%	Girls	%	Second Age Group. Boys	%	Girls	%	Third Age Group. Boys	%	Girls	%	Fourth Age Group. Boys	%	Girls	%	All Ages. Boys	%	Girls	%
Lungs—																				
Chronic Bronchitis	1	(0.4)	1	(0.5)	1	(0.6)	—	—	—	—	—	—	—	—	—	—	2	(0.3)	1	(0.2)
Suspected Tuberculosis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases	5	(2.2)	2	(1.0)	4	(2.6)	1	(0.7)	1	(0.7)	1	(0.8)	—	—	—	—	10	(1.9)	4	(0.8)
Deformities —																				
Congenital	9	(3.9)	12	(6.0)	10	(6.4)	6	(4.0)	—	—	1	(0.8)	—	—	—	—	19	(3.5)	19	(3.9)
Acquired (Infantile Paralysis)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acquired (probable Rickets)	1	(0.4)	—	—	1	(0.6)	3	(2.0)	—	—	—	—	—	—	—	—	2	(0.3)	3	(0.6)
Acquired (other causes) ..	36	(15.6)	26	(12.9)	10	(6.4)	19	(12.9)	20	(13.9)	27	(21.1)	2	(18.2)	3	(2.0)	68	(12.8)	75	(15.4)
Infectious Disease	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases or Defects ..	12	(5.2)	6	(3.0)	7	(4.5)	3	(2.0)	4	(2.8)	—	—	—	—	—	—	23	(4.3)	9	(1.8)

SYSTEMATIC MEDICAL EXAMINATIONS.

CLASSIFICATION.	Entrants.		Second Age Group.		Third Age Group.		Fourth Age Group.		Total.	
	No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined at systematic medical examinations
I. Children free from defects ..	128	29.698%	112	37.209%	130	48.689%	11	42.308%	381	37.171%
II. Children (otherwise free from defects) who suffer from (a) Defective vision not worse than 6/12 in the better eye with or without glasses; or ..	9	2.088%	10	3.322%	4	1.498%	3	11.538%	26	2.536%
(b) Conditions of the mouth and teeth requiring treatment ..	36	8.353%	45	14.950%	9	3.371%	—	—	90	8.780%
(c) both (a) and (b)	3	0.696%	—	—	—	—	—	—	3	0.294%
Total	48	11.137%	55	18.272%	13	4.869%	3	11.538%	119	11.610%
III. Children suffering from ailments (other than those mentioned in II) from which complete recovery is anticipated within a few weeks ..	99	22.970%	50	16.612%	44	16.479%	4	15.385%	197	19.219%
IV. Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II or III, distinguishing cases :— (a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible ..	154	35.731%	79	26.246%	77	28.839%	8	30.769%	318	31.025%
(b) Where improvement only is considered possible, e.g., without complete restoration of function	2	0.464%	5	1.661%	3	1.124%	—	—	10	0.975%
Total	156	36.195%	84	27.907%	80	29.963%	8	30.769%	328	32.000%
Total number of children examined	431	100%	301	100%	267	100%	26	100%	1,025	100%

Table IV.

RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THE AREA.

Disability.	At Ordinary Schools.	At Special Schools or Classes.	At no School or Institution.	Total.
1.—Blind	—	3	—	3
2.—Partially sighted—				
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition ...	—	—	—	—
(b) Other conditions of the eye, e.g., cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school ...	—	—	—	—
3.—Deaf :—				
Grade I.	3	—	—	3
Grade IIa.	2	—	—	2
Grade IIb.	—	—	—	—
Grade III.	—	2	—	2
4.—Defective speech :—				
(a) Defects of articulation requiring special educational measures	—	—	—	—
(b) Stammering requiring special educational measures	—	—	—	—
5.—Mentally defective :—				
(Children between 6 and 16 years)—				
(a) Educable (I.Q. approx. 50-70)	44	—	—	44
(b) Ineducable (I.Q. generally less than 50)	4	2	7	13

6.—Epilepsy :—				
(a) Mild and occasional ...	2	—	—	2
(b) Severe (suitable for care in a residential school)	—	—	—	—
7.—Physically defective (Children between 5 and 16 years)—				
(a) Non-pulmonary Tuberculosis (excluding cervical glands)	—	—	—	—
(b) General orthopaedic conditions	793	—	3	796
(c) Organic heart disease	2	—	—	2
(d) Other causes of ill-health	—	—	—	—
8.—Multiple defects :—				
(a).....				
(b)....				

1.—PREVALENCE OF DEFECTS—EYES—VISUAL ACUITY :—

No. of children recommended for refraction, 24.

2.—CLASSIFICATION OF CHILDREN ACCORDING TO DEFECT.—

See attached report.

3.—RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THE AREA :—

(a) Defects of articulation requiring special educational measures—Nil.

(b) Stammering requiring special educational measures—Nil.

4.—MEDICAL TREATMENT :-

A.—Minor Ailments :—

(1) Cuts, bruises, sprains and minor injuries, etc.,—10.

(2) Diseases of the ear—Nil.

(3) Diseases of the eye, excluding defective vision—5.

(4) Diseases of the skin :—

Ringworm (Scalp)—	
X-ray treatment	Nil
Other treatment	Nil
Ringworm (body)	Nil
Scabies	3
Impetigo	6
Other diseases	1

B.—Defective vision and squint—132.

C.—Nose and throat (operative treatment)—106.

D.—Orthopaedic and postural defects (specialist treatment)—11.

CHILDREN BORN IN 1941.

(Examined for visual acuity and hearing only).

	Girls.	*Boys.*
Fair Vision	24	22
Bad Vision	1	—

Hearing: all normal.

Total of children examined 248.

Table V.

BERWICKSHIRE SCHOOL DENTAL SERVICE.

Return of Dental Treatment for the School Year ending 31st July, 1949. (It should be noted that this return covers the period from the 4th October, 1948, when Mr. Arkle and Mr. Taylor commenced duty with the County, to the 31st July, 1949. During the period 1st August, 1948, to 3rd October, 1948, the County had no Dental Officers).

1.—INSPECTED BY DENTIST:—

Aged.	Systematic Examination.	Special Emergency Cases.	Total.
4	3	...	3
5	239	...	239
6	212	...	212
7	236	...	236
8	200	...	200
9	193	...	193
10	196	...	196
11	160	...	160
12	171	...	171
13	151	...	151
14	150	...	150
15	90	...	90
16	10	...	10
Total	2011	...	2011

2.—Found to require treatment, 1,758.

3.—No. accepting treatment, 1,558.

4.—No. actually treated, 1,383.

5.—No. of attendances made by children for treatment, 2,256.

6.—Fillings inserted: Permanent teeth, 1,141: Temporary Teeth, 1,519. Total, 2,660.

7.—Extractions: Permanent teeth, 28: Temporary teeth, 988. Total, 1,016.

8.—No. of administrations of a general anaesthetic for extractions, Nil.

9.—Sealings: 483. Other operations:— Permanent teeth, 66: Temporary teeth, 90.

10.—Half days devoted to inspections and records, 38: Half days devoted to treatment, 512.

11.—No. of children treated under private arrangements, Nil.

12.—No. of orthodontic cases under treatment, 12.

ORTHOPAEDIC REPORT.

Number of Children on Roll	861
Number of Clinics Held	37
Number of Attendances of Children at Clinics	754

CONDITIONS CLASSIFIED :—

Feet	Posture	Congenital	Others
545	216	16	84

INFECTIOUS DISEASES.

The figures for Infectious Disease are given below : -

	Cases Notified.	Cases removed to Hospital.
Cerebro-spinal fever	—	—
Continued Fever	—	—
Diphtheria (not confirmed)	4	4
Erysipelas	4	1
Malaria	—	—
Pneumonia, Acute Influenzal	—	—
Pneumonia, Acute Primary	3	1
Acute Poliomyelitis	1	1
Scarlet Fever	12	11
Para-Typhoid B	—	—
Totals	24	18

NOTIFICATIONS.

PULMONARY CASES NOTIFIED :—

	Under 5	5 and under 10	10 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards.	Total.
Males ...	—	—	—	6	3	3	1	1	14
Females ...	—	—	—	2	3	1	1	1	8
Total ...	—	—	—	8	6	4	2	2	22

NON-PULMONARY CASES NOTIFIED :—

	Under 5	5 and under 10	10 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards.	Total.
Males ...	—	—	1	1	2	—	—	—	4
Females ...	3	—	—	1	—	—	—	—	4
Total ...	3	—	1	2	2	—	—	—	8

TUBERCULOSIS REGISTER.

PULMONARY CASES :—

	Under 5	5 and under 10	10 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards.	Total.
1. *Sputum or other material examined and tubercle bacilli found.*									
Males ...	—	—	—	4	3	3	5	—	15
Females ...	—	—	—	2	2	1	3	—	8
2. *Sputum or other material examined and tubercle bacilli never found.*									
Males ...	—	—	1	1	7	9	2	1	21
Females ...	—	—	—	2	11	5	3	—	21
3. *Sputum or other material not examined.*									
Males ...	—	—	—	—	1	1	1	1	4
Females ...	—	—	1	—	1	3	—	—	5
Total ...	—	—	2	9	25	22	14	2	74

At the end of the year there were 74 persons resident in the County known to be suffering from pulmonary tuberculosis. Of these 40 were males and 34 were females. There were 2 deaths from pulmonary tuberculosis during the year.

NON-PULMONARY CASES :—

	Age Group.								
	Under 5	5 and under 10	10 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards.	Total.
Abdominal.									
Males ...	—	—	—	—	—	—	—	—	—
Females ...	—	—	2	1	—	—	—	—	3
Spine.									
Males ...	—	—	—	1	4	—	1	—	6
Females ...	—	—	—	—	—	1	—	—	1
Bones and Joints (exclusive of Spine).									
Males ...	—	—	—	—	—	—	1	—	1
Females ...	—	—	—	2	—	—	—	1	3
Superficial Glands.									
Males ...	—	4	2	4	—	—	—	—	10
Females ...	—	3	8	1	1	2	2	—	17
Lupus.									
Males ...	—	—	—	—	—	—	—	—	—
Females ...	—	—	—	—	—	—	—	2	2
Other parts or organs.									
Males ...	—	—	—	—	—	1	—	—	1
Females ...	1	—	—	—	3	—	2	—	6
Total ...	1	7	12	9	8	4	6	3	50

At the end of the year there were 50 persons resident in the County known to be suffering from non-pulmonary tuberculosis. Of these 18 were males and 32 were females. There were no deaths from non-pulmonary tuberculosis during the year.

ALL TUBERCULOSIS.

The total number of cases notified during the year in which a diagnosis of tuberculosis was confirmed was 26.

HOSPITAL.

The number of cases of tuberculosis, which received institutional treatment during the year is as follows :—

	Number of Patients.				
	In institutions on Jan. 1st.	Admitted during the year.	Discharged during the year.	Died in the institutions.	In institutions on Dec. 31st. 1948.
PULMONARY.					
Adults :—					
Males ...	6	7	3	—	10
Females ...	1	2	—	—	3
Children :—					
Males ...	1	—	1	—	—
Females ...	—	—	—	—	—
NON-PULMONARY.					
Adults :—					
Males ...	1	2	1	—	2
Females ...	—	1	1	—	—
Children :—					
Males ...	—	—	—	—	—
Females ...	—	—	—	—	—
Total ...	9	12	6	—	15

BLIND PERSONS ACT, 1938.

The number of persons on the Blind Roll at the 31st December, 1949, was 24. 5 new cases were added during the year, and 2 were taken off the roll.

During the year 214 visits were paid by Miss Campbell, visitor of the Society for Teaching the Blind in their own homes.

Lessons in Braille reading and writing, 3.

Lessons in Moon, 10.